OPC UA Client: How to use the Client (>=SP17)

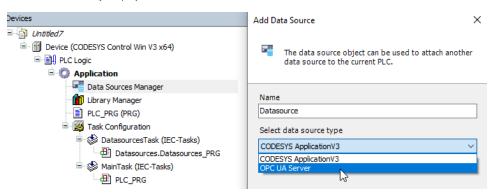
(i)

This example requires an anonymous login: OPC UA Server: Anonymous login

1. Ensure CODESYS Communication package is installed

		Add	Installation
ersion CODESYS 3.5 SP17 (64 bit)			
stallation Name lefault			
scation :\Program Files\CODESYS 3.5.17.0\CODESYS\Additic	onalFolders\Default		Brows
nannel for Setups eleases			
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2. Add a datasource to your project and select "OPC UA Server" as source:



3. Set the URL and the security settings of the server which you want to connect:

📲 Initialize Data Source Wizard - Provider settings

Initialize the Data Source

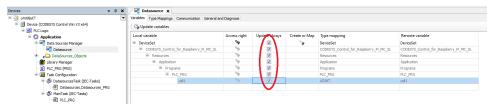
Set the communication parameters

Server URI	opc.tcp://192.	168.99.146:4840	
Information	Model Source		
Online			
○ Offline	http://opcfou	ndation.org/UA/, 15.07.2020 (opcfoundi	1
Security			
Message Se	curity Mode	None	/
Security Pol	icy	None	/

4. Select the nodes you want to connect:

📲 Initialize Data Source Wizard - Browse data items Initialize the Data Source Choose the data items Variables Access right Maximal access right Туре 🗏 🔽 📄 DeviceSet CODESYS_Control_for_Raspberry_Pi_MC_SL 🗄 🐨 🗾 Resources 🖮 👿 📄 Application Programs 🔽 < udi1 UDINT ۹0 🖻 🔲 📄 DeviceTopology 🗄 🔲 📄 Server

5. For automatic updating, the option "Update always" must be set



OPCUAClientTutorial		▼ ^ \	Variables Type M	lappings Commu	nication General an	nd Diagnosis			
Device (CODESYS Contro Device (CODESYS Contro	ol Win V3 x64)		Local type		Create or Map	Mapping na	me	Remote type	
😑 🔘 Application			Application CODESYS Contro	Min V2 v64	*** ***	Application	ntrol_Win_V3_x64	Application CODESYS_Control_Win	1/2 1/64
Data Source			DeviceSet	J_WIII_V3_X04	×	DeviceSet	100_001_05_004	DeviceSet	_v3_x04
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📶 Library Mana			Programs		*	Programs		Programs	
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		>							
🕈 Devices 👔 POUs 🛃 Raspben	rry Pi 📳 Linux	c	OPC UA Server						
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